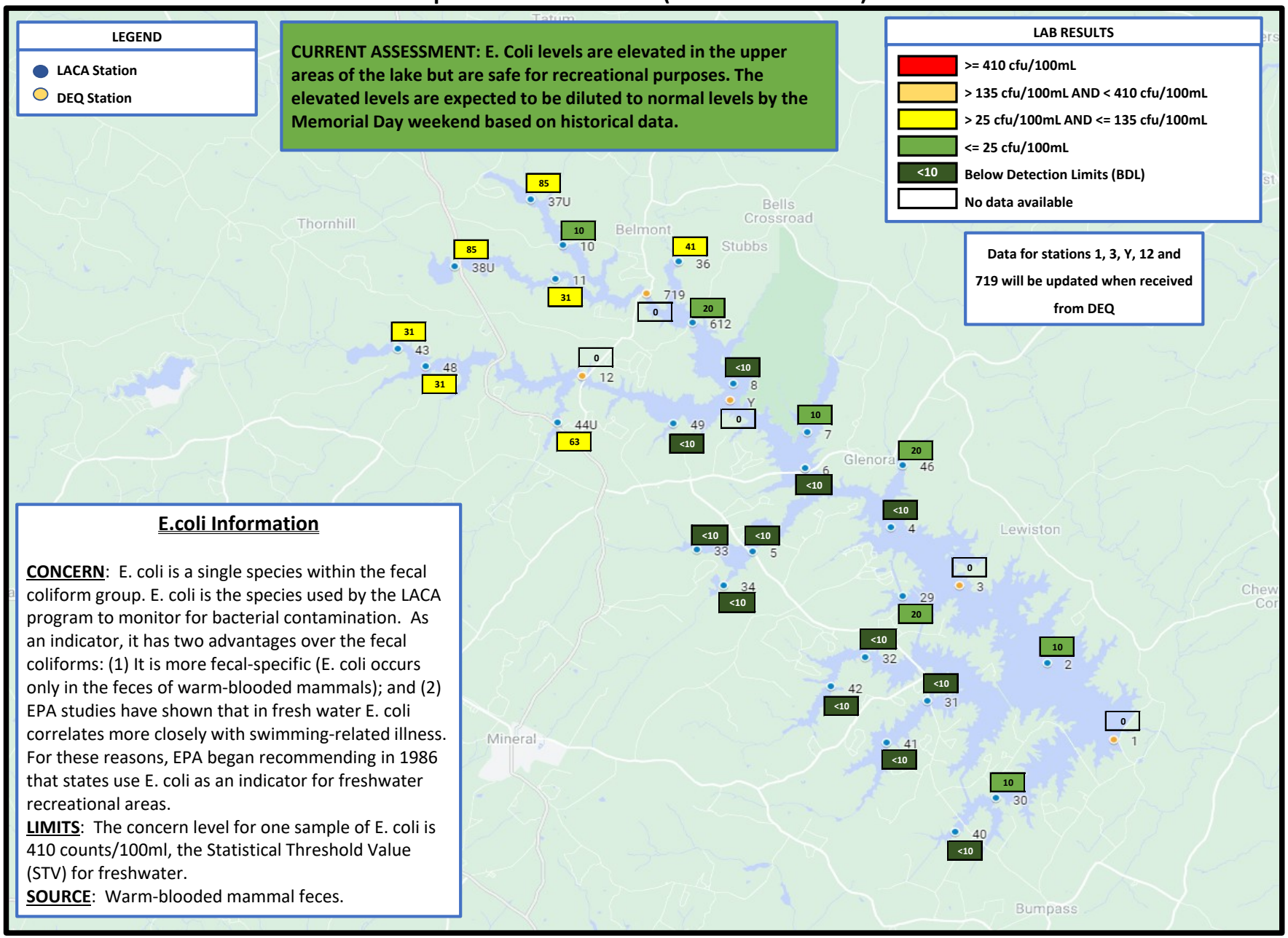
April 2024 - E. Coli Data (Surface Conditions)



E.coli Information

CONCERN: E. coli is a single species within the fecal coliform group. E. coli is the species used by the LACA program to monitor for bacterial contamination. As an indicator, it has two advantages over the fecal coliforms: (1) It is more fecal-specific (E. coli occurs only in the feces of warm-blooded mammals); and (2) EPA studies have shown that in fresh water E. coli correlates more closely with swimming-related illness. For these reasons, EPA began recommending in 1986 that states use E. coli as an indicator for freshwater recreational areas.

LIMITS: The concern level for one sample of E. coli is 410 counts/100ml, the Statistical Threshold Value (STV) for freshwater.

SOURCE: Warm-blooded mammal feces.

	D	L	D	L	L	L	D	L	L	L	L	D	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	D	D
Month / Station	1	2	3	4	5	6D	6	7	8	10	11	12	29	30	31	32	33	34	36	37U	38U	40	41	42	43	44U	46	48	49	612	719	Y
April	0	10	0	<10	<10	<10	0	10	<10	10	31	0	20	10	<10	<10	<10	<10	41	85	85	<10	<10	<10	31	63	20	31	<10	20	0	0
June																																
August																																
October																																